

## **IN THE CLAIMS:**

1. (Currently Amended) A connector arrangement for connecting optical fibers[, particularly for establishing multimedia connections in a motor vehicle,] comprising:

a connector [(120)] with a connector housing [(122)] which has a front mating-connector receptacle [(180)] for mating connection with a mating connector and a rear fiber receptacle [(126)],

a first fiber section [(34)] which has a first end [(64)] which is enclosed by a first sleeve [(4)], the first sleeve being connected permanently and fixedly to the first fiber section [(34)],

at least one further second fiber section [(36)] which has a first end [(66)] which is enclosed by a second sleeve [(6)],

the second sleeve [(6)] being permanently and fixedly connected to the second fiber section [(36)],

wherein the fiber receptacle [(126)] is constructed for [inserting] receiving the first ends of the first and second fiber sections [(34, 36)],

wherein the first and second sleeves [(4, 6)] form a common fiber holder [(2)] for the first and second fiber section [(34, 36)] and wherein the common fiber holder [(2)] is constructed as an integral unit and can be inserted into the fiber receptacle [(126)] of the connector housing [(122)], and

a single spring for applying a force to the fiber holder essentially in the direction of insertion of the fiber holder so that a pretension of the fiber sections jointly against the connector housing is created.

2. (Currently Amended) The connector arrangement as claimed in claim 1, wherein the connector housing [(122)] comprises a first and second cylindrical guide [(135, 137)] and the fiber receptacle [(126)] has at least one first and second channel [(134, 136)] which are defined by the first and second cylindrical guides

[(135, 137)], respectively, and wherein the first and second sleeves [(4, 6)] can be inserted into the first and second channels [(134, 136)], respectively.

3. (Cancelled)

4. (Currently Amended) The connector arrangement of claim 1, wherein the fiber holder [(2)] has a connecting section [(8)] that is arranged between the first and second sleeves [(34, 36)] and by means of which the first and second sleeves [(34, 36)] are integrally connected to one another.

5. (Cancelled)

6. (Currently Amended) The connector arrangement of claim [2]1 wherein the spring [(160)] can be attached directly to the connector housing [(122)].

7. (Currently Amended) The connector arrangement of claim [2]1 wherein the spring is constructed as a leaf spring [(160)].

8. (Currently Amended) The connector arrangement of claim [2]1 wherein the connector housing [(122)] has holding channels [(174, 176)] into which the leaf spring [(160)] can be inserted.

9. (Currently Amended) The connector arrangement of claim [2]8 wherein the leaf spring [(160)] comprises two holding sections [(164, 166)] and an elastic spring arm [(162)] arranged between these, wherein the holding sections can be inserted into the holding channels[grooves (174, 176)] and the spring arm engages a connecting section of the fiber holder [(2)] in an assembled state in order to create the pretension.

10. (Currently Amended) The connector arrangement of claim 1 wherein the fiber holder [(2)] has a collar-like guide element [(10)] which can be inserted into the fiber receptacle [(126)] of the connector housing [(122)].

11. (Currently Amended) The connector arrangement of claim [1]10 wherein the collar-like guide element [(120)] is constructed transversely asymmetrically.

12. (Currently Amended) [The connector arrangement of claim 10] A connector arrangement for connecting optical fibers comprising:

a connector with a connector housing which has a front mating-connector receptacle for mating connection with a mating connector and a rear fiber receptacle,

a first fiber section which has a first end which is enclosed by a first sleeve, the first sleeve being connected permanently and fixedly to the first fiber section,

at least one further second fiber section which has a first end which is enclosed by a second sleeve,

the second sleeve being permanently and fixedly connected to the second fiber section,

wherein the fiber receptacle is constructed for receiving the first ends of the first and second fiber sections,

wherein the first and second sleeves form a common fiber holder for the first and second fiber section and wherein the common fiber holder is constructed as an integral unit and can be inserted into the fiber receptacle of the connector housing and includes a collar-like guide element which can be inserted into the fiber receptacle of the connector housing, said [wherein the] collar-like guide element [(10)] is transversely constructed smaller than the fiber receptacle [(2)] at least in as much as there is lateral play [(188)] which is adequately dimensioned for enabling a tilting movement of the fiber holder [(2)] in the connector housing [(122)].

13. (Currently Amended) The connector arrangement of claim [10]12 wherein the collar-like guide element [(10)] is smaller by 50  $\mu\text{m}$  to 1 mm than the fiber receptacle [(126)] at the corresponding position.

14. (Currently Amended) [The connector arrangement of claim 10] A connector arrangement for connecting optical fibers comprising:  
a connector with a connector housing which has a front mating-connector receptacle for mating connection with a mating connector and a rear fiber receptacle,  
a first fiber section which has a first end which is enclosed by a first sleeve,  
the first sleeve being connected permanently and fixedly to the first fiber section,  
at least one further second fiber section which has a first end which is enclosed  
by a second sleeve,  
the second sleeve being permanently and fixedly connected to the second fiber section,  
wherein the fiber receptacle is constructed for receiving the first ends of the first and second fiber sections,  
wherein the first and second sleeves form a common fiber holder for the first and second fiber section and wherein the common fiber holder is constructed as an integral unit and can be inserted into the fiber receptacle of the connector housing and includes a collar-like guide element which can be inserted into the fiber receptacle of the connector housing, said [wherein the] fiber holder [(2) has] having stop sections [(14, 16)] that are arranged in front of the collar-like guide element [(10)] in the direction of insertion [(E)] of the fiber holder [(2)] into the connector housing [(122)].

15. (Currently Amended) The connector arrangement of claim 14 wherein the fiber holder [(2)] in each case comprises a stop section [(14, 16)] at each sleeve [(4, 6)], the stop sections [(14, 16)] being transversely separated.

16. (Currently Amended) The connector arrangement of claim 14 wherein the stop sections [(14, 16)] are asymmetrically constructed.

17. (Currently Amended) The connector arrangement of claim 14 wherein the stop sections [(14, 16)] are constructed transversely smaller than the collar-like guide element [(10)].

18. (Currently Amended) The connector arrangement of claim 1 wherein the first and second sleeve [(4, 6)] have a first and second guide section [(24, 26)] and a first and second intermediate section [(194, 196)], the intermediate sections being arranged behind the respective guide section [(24, 26)] in the direction of insertion [(E)] of the fiber holder [(2)] and the intermediate sections having a smaller diameter than the guide sections.

19. (Currently Amended) The connector arrangement of claim 1 wherein the connector [(120)] is a hybrid connector that comprises electrical connections [(142, 144, 146, 148)] for establishing electrical connections.

20. (Cancelled)

21. (Cancelled)

22. (Currently Amended) The connector [(120)] of claim 1 [wherein the connector housing (122) has a front mating-connector receptacle (180) for the paired connection with a mating connector and a rear fiber receptacle (126),] wherein the mating-connector receptacle [(180)] is constructed as an opening in the front (182)] of the connector housing [(122)], into which opening the mating connector can be introduced,

wherein the fiber receptacle [(126)] is formed by a common hollow space [(128)] and two channels [(134, 136)], and is thus arranged for introducing the fiber holder [(2)] which is constructed jointly and integrally for both fiber sections [(34, 36)], and

wherein the two channels [(134, 136)] are formed by essentially cylindrical guides [(135, 137)] which protrude into the opening of the mating-connector receptacle [(180)].